

LISTING OF CLAIMS

1. (currently amended) An oil squirter rail for lubricating or cooling multiple cylinders or pistons of an internal combustion engine having a crankcase positioned below the cylinders, the pistons being reciprocable in the cylinders and the oil squirter rail comprising:

an assembly adapted to be mounted within the crankcase and including a longitudinal tube and a plurality of laterally extending longitudinally spaced nozzles permanently fixed to the tube and configured to direct oil from the tube against the cylinders or pistons when installed in an associated engine, the assembly including a plurality of attachments for securing the rail within an engine crankcase;

wherein the attachments are adapted to associate support of the oil squirter rail with bearing caps of the engine.

2. (canceled)

3. (currently amended) An oil squirter rail as in claim [[2]] 1 wherein the attachments are adapted to connect the oil squirter rail to said bearing caps of the engine.

4. (currently amended) An oil squirter rail as in claim [[2]] 1 wherein the attachments are adapted to connect the oil squirter rail to bearing cap studs of the engine.

5. (canceled)

6. (currently amended) An oil squirter system adapted for lubricating or cooling multiple cylinders or pistons of an internal combustion engine, the engine including a crankcase positioned below the cylinders and the pistons being reciprocable in the cylinders, the oil system comprising:

a first oil squirter rail mounted within the crankcase and including a longitudinal tube and a plurality of laterally extending longitudinally spaced nozzles permanently fixed to the tube and configured to deliver oil from the tube against the cylinders or pistons when installed in an associated engine; the rail including a plurality of attachments securing the rail within an engine crankcase;

wherein the attachments associate support of the oil squirter rail with bearing caps of the engine.

7. (canceled)

8. (currently amended) An oil squirter rail as in claim [[7]] 6 wherein the attachments connect the oil squirter rail to bearing caps of the engine.

9. (currently amended) An oil squirter rail as in claim [[7]] 6 wherein the attachments connect the oil squirter rail to bearing cap studs of the engine.

10-15 (canceled)

16. (currently amended) An oil squirter system [as in claim 15] adapted for lubricating or cooling multiple cylinders or pistons of an internal combustion engine, the engine including a crankcase positioned below the cylinders and the pistons being reciprocable in the cylinders, the oil system comprising:

a first oil squirter rail mounted within the crankcase and including a longitudinal tube and a plurality of laterally extending longitudinally spaced nozzles permanently fixed to the tube and configured to deliver oil from the tube against the cylinders or pistons when installed in an associated engine; and

a flow control valve positioned to regulate oil flow through the system;  
wherein

the flow control valve is a solenoid valve operable to selectively control oil flow through the system;

a control module actuates the solenoid valve to close or open the system to oil flow; and

the control module actuates the solenoid valve to open system oil flow during engine startup for initially lubricating the cylinders.

17. (currently amended) An oil squirter system as in claim [[14]] 16 wherein the control module actuates the solenoid valve to stop piston cooling oil flow at low engine speeds and open piston cooling oil flow at higher engine speeds.

18-19. (canceled)